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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/872,087	06/01/2001	Jose Iborra	CHG-001.2P	4934
26717	7590	08/16/2004	EXAMINER	
FALK AND FISH 16590 OAK VIEW CIRCLE MORGAN HILL, CA 95037			VO, TED T	
			ART UNIT	PAPER NUMBER
			2122	

DATE MAILED: 08/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/872,087

Applicant(s)

IBORRA ET AL.

Examiner

Ted T. Vo

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 June 2001 and 22 April 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 6/13/02, 7/15/02
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. This action is in response to the application filed on 6/1/01, and the communication filed on 6/28/2001 replied to the office action, Requirement for Restriction/Election, mailed date: 4/22/04.

Claims 6-8 are canceled. Claims 1-5 are elected and pending in the application.

Specification

2. In page 1, at lines 12-13, appropriate information in the blanks would be required to update.

In page 1, at line 6, after '09/543,085', the insertion of "*now the US. Patent No 6,681,383*" would be suggested. The prior copending application, 09/543,085, is referred in the specification, is now the US. Patent No 6,681,383. This patent number should appear in the specification (MPEP 1302.01 General Review of Disclosure).

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-5 are rejected under 35 U.S.C. 102(b) as being anticipated by Bruegge, "ROSE Tutorial", 1997.

Given the broadest reasonable interpretation of followed claims in light of the specification.

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As per Claim 1: Bruegge discloses, "An apparatus for creating a graphical user interface to allow user requirements for a computer program to be written by an automated software production tool to be entered and converted to a formal language specification (See page 2, Overview) comprising: a software-generating computer programmed to: display a plurality of dialog boxes and/or graphic screens each of which has boxes which can be filled in with data or menu selections, tools or icons which can be invoked to allow a user to enter information defining classes, attributes, events, relationships between classes, valuation formulas for events that affect the value of variable attributes and all the other information needed to define a conceptual model of the requirements a computer program to be written by said software generation tool must comply with." (See page 5, ROSE concept, see Window in page 21, provided with defining a new class, and see Windows in pages 9-12, provided with entering data attributes).

As per Claim 2: Bruegge discloses, "A method for using a computer to display a graphical user interface to allow user requirements for a computer program to be written by an automated software production tool to be entered, comprising:

displaying a plurality of dialog boxes and/or graphic screens each of which has boxes which can be filled in with data or menu selections, tools or icons which can be invoked to allow a user to enter information and/or create graphic objects which define classes, attributes, events, relationships between classes, valuation formulas for events that affect the value of variable attributes and all the other information needed to define a conceptual model of the requirements a computer program to be written by said software generation tool must comply with (see Windows in pages 9-12, displayed with fillable/dialog boxes, provided with entering data attributes, methods); and

as a user fills in data or makes selections or creates graphic objects, displaying the data filled in or selected and the graphic object created in the location on the dialog box and/or graphic screen where the data was filled in or selected or the graphic object was created" (see Windows in pages 9-12)"

As per Claim 3: Bruegge discloses, "The process of claim 2 further comprising the step of using a computer to automatically translate the data filled in or selected and/or graphic objects created into a

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specification for the computer program to be generated written in a formal language or other symbology which has predefined rules of syntax and semantics which can be used to verify that the specification so written is syntactically and semantically correct, complete and not ambiguous" (See page 26, Java code generated by the Tools menu could be seen in Notepad page. For example, the Tool in the Window page 23 is used to generate the Car.java; the syntax for generating the code is provided in accordance to the section given in page 25).

As per Claim 4: Claim 4 is a computer readable claim that has claimed functionality corresponding to the claimed functionality of Claim 2. Claim 4 is rejected in the same reason set forth in connecting to the rejection of Claim 2.

As per Claim 5: Claim 5 is a computer readable claim that has claimed functionality corresponding to the claimed functionality of Claim 3. Claim 5 is rejected in the same reason set forth in connecting to the rejection of Claim 3.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Egyed et al., "Rose/Architect: a tool to visualize architecture", discloses Rational Rose having reverse engineering capability.

Keuffel, "A Trio of Object-Modeling CASE Tools", discloses Trio Case tool fro drawing object models in C++ and SQL schemata.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ted T. Vo whose telephone number is (703) 308-9049. The examiner can normally be reached on 8:00AM to 5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached on (703) 305-4552. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TED T. VO

TTV

Patent Examiner

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August 6, 2004

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